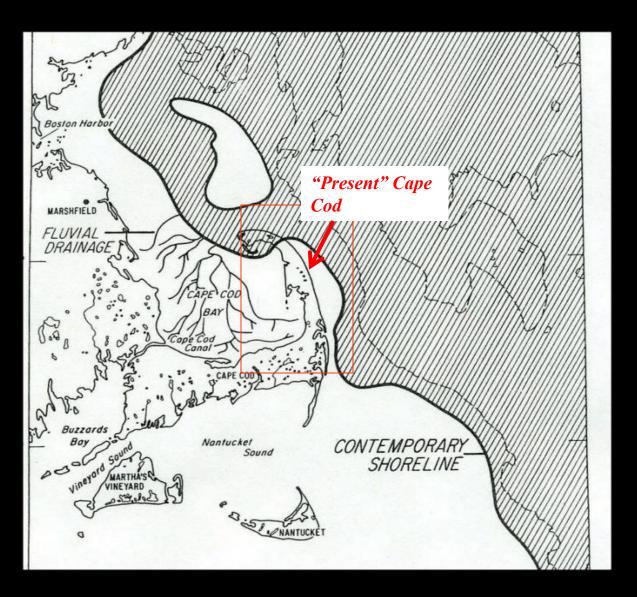
Chatham's Dynamic Shoreline

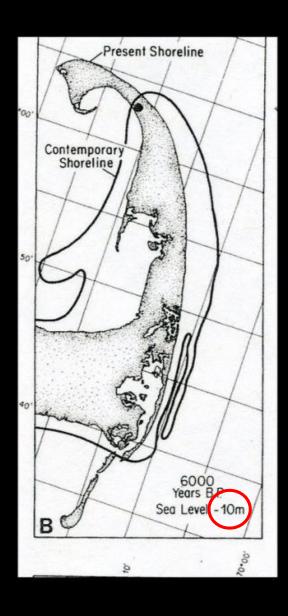
Chatham Men's Club- January 10, 2020

Ted Keon, Dir. of Coastal Resources

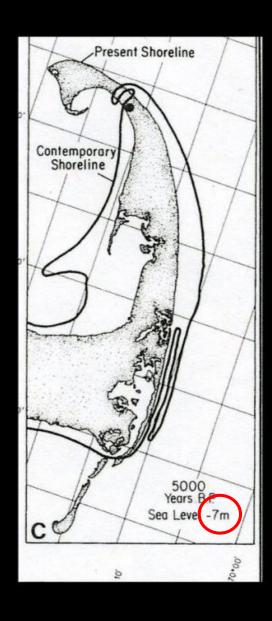




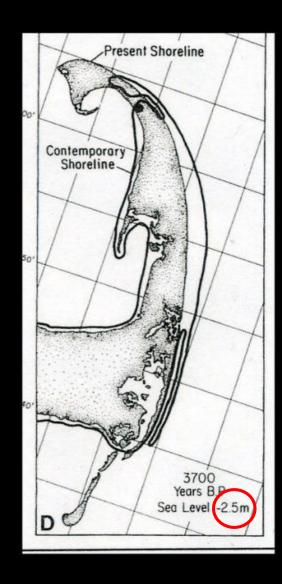




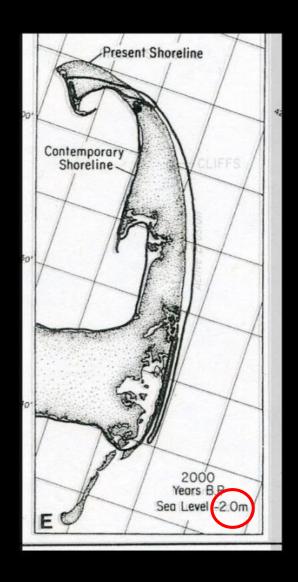
6,000 years BP



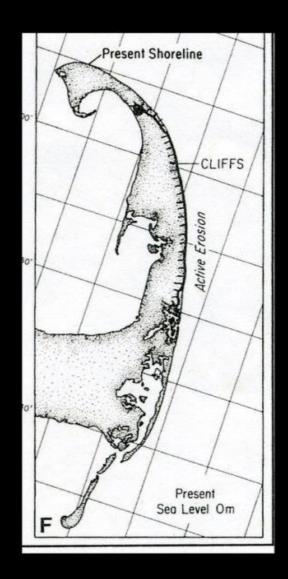
5,000 years BP



3,700 years **BP**



2,000 years BP

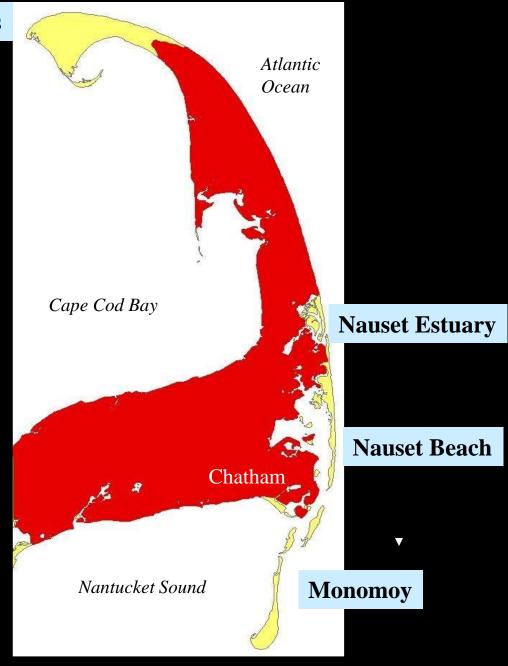


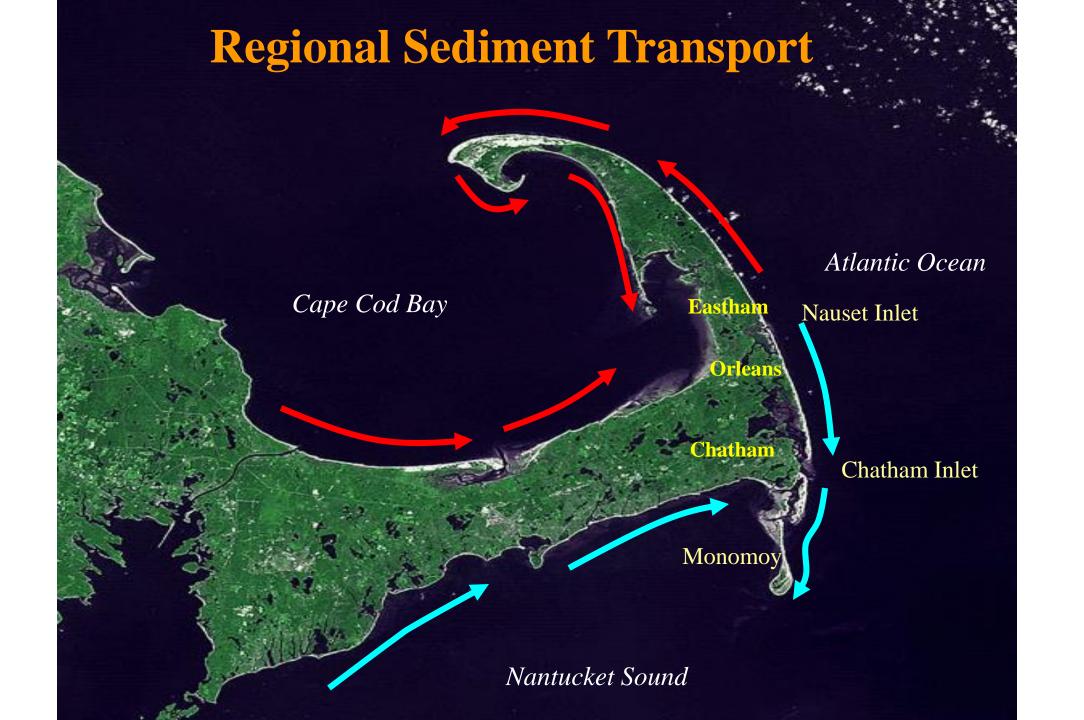
Present

Provincelands

Glacial Deposits (Pleistocene)

Coastal Deposition (Holocene)

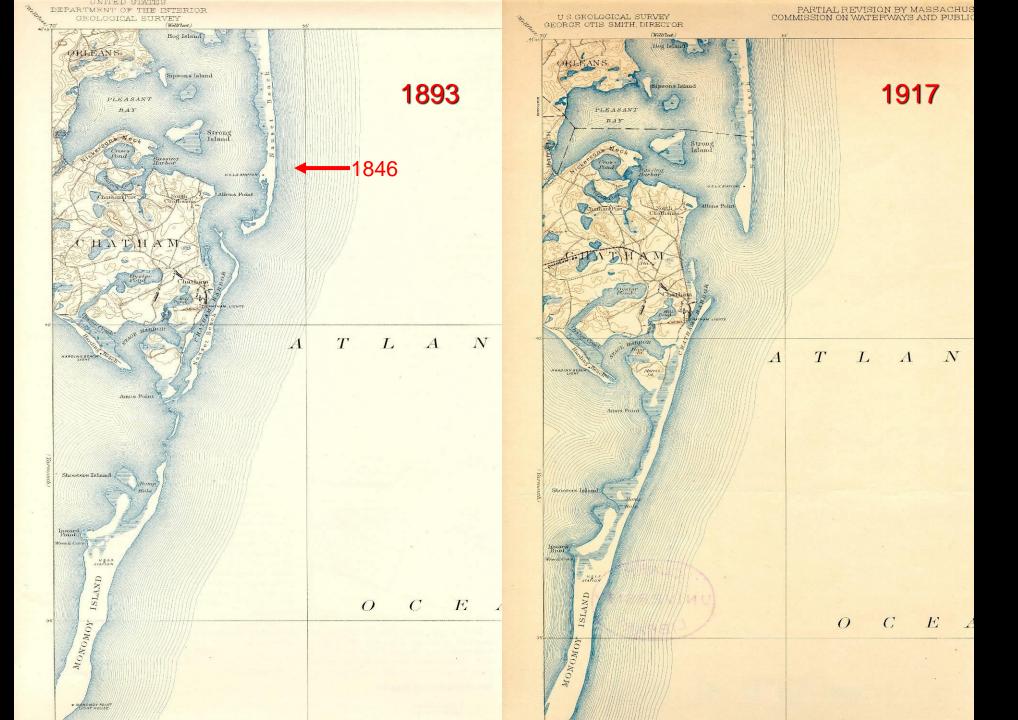








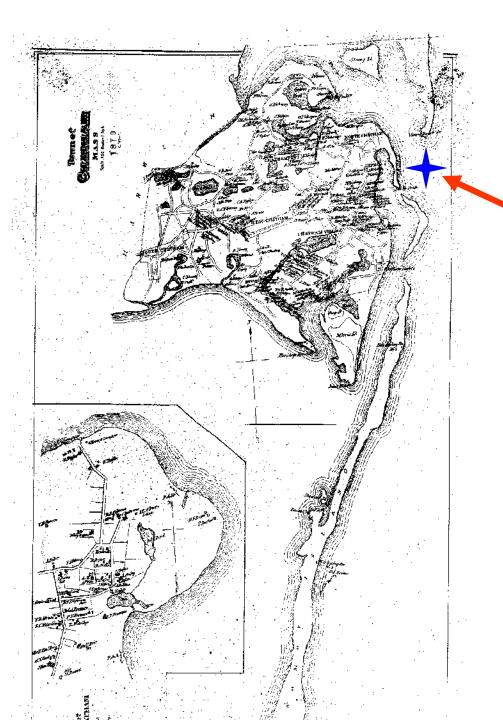












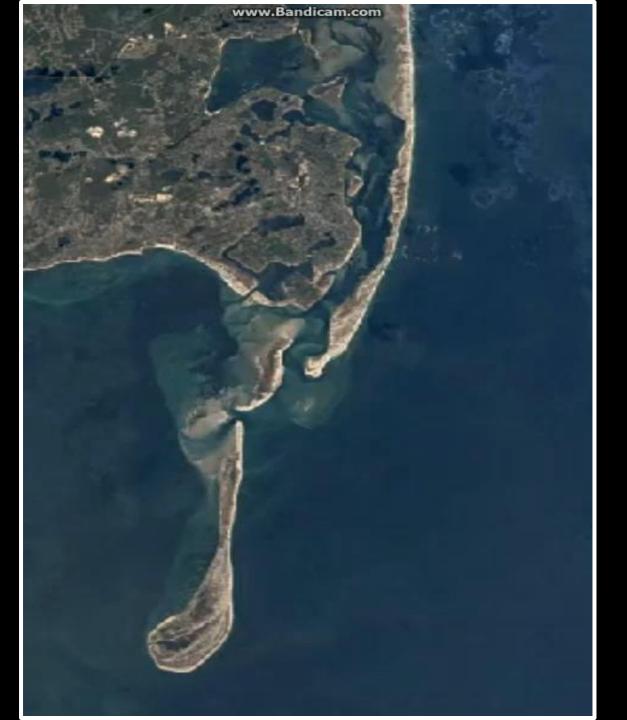
Map from 1879

Approximate location of shipwreck

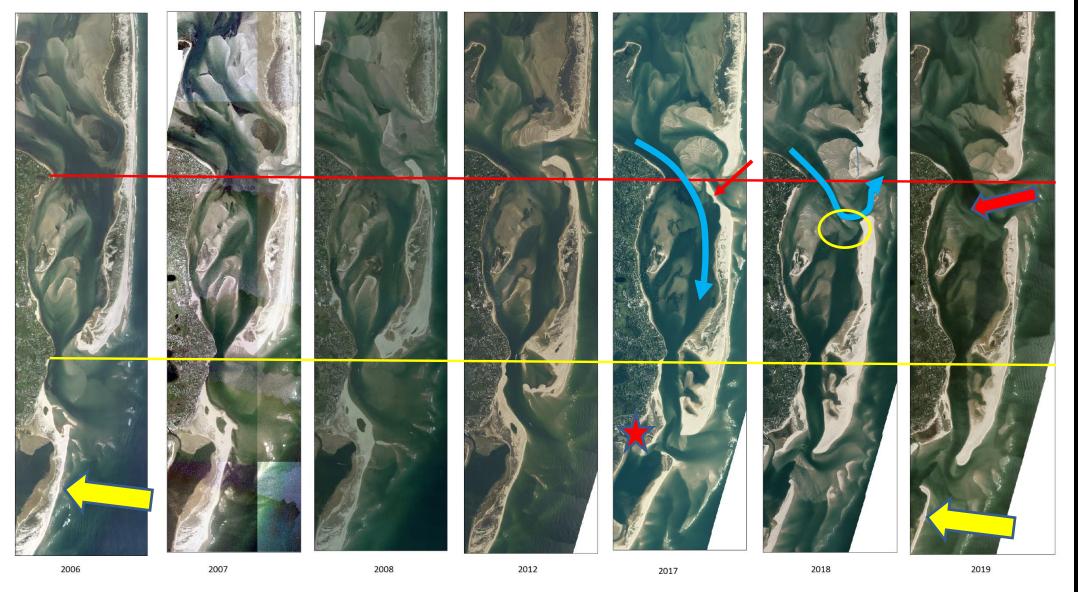
Nauset Beach - 1980s







Shoreline Change: 1984 to 2018



Chatham Inlet Development 2006-2019



Andrew Harding Lane





North Chatham

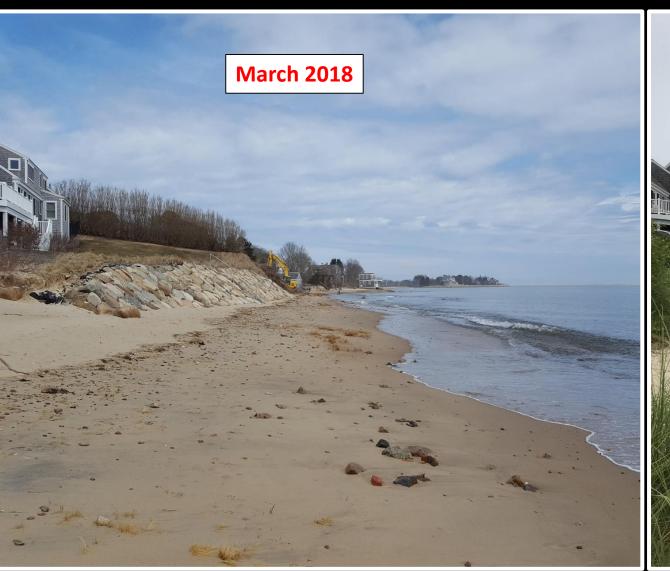








Cow Yard (looking north)













CZM Coastal Community Resilience Grant Program Chatham East-Facing Shoreline:

Coastal Resiliency and Management Assessment

Final July 2019





Prepared for: Town of Chatham, MA

Prepared by:

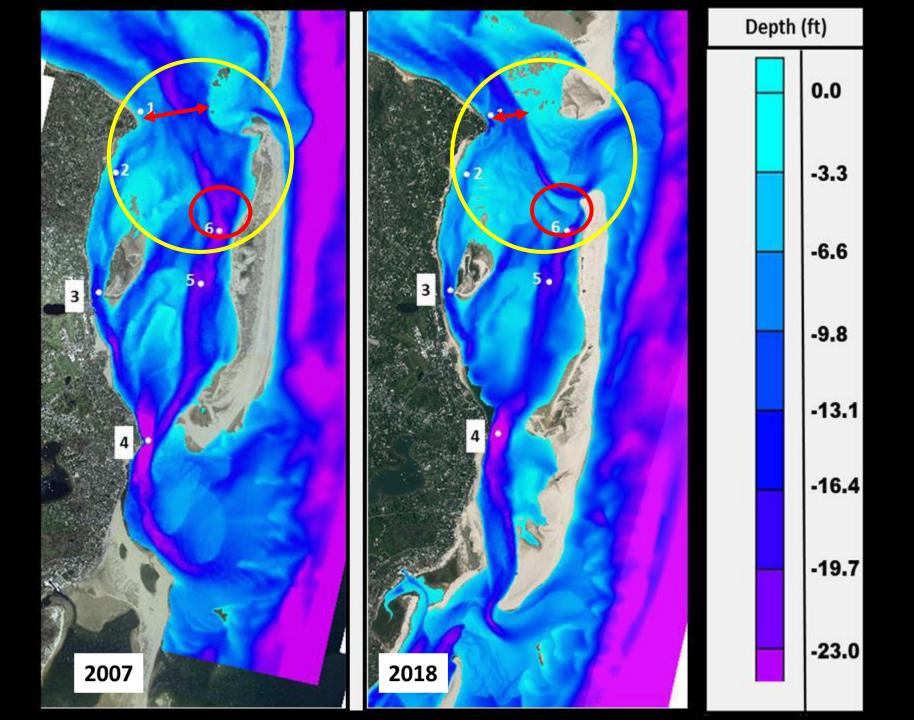
Applied Coastal Research and Engineering, Inc.

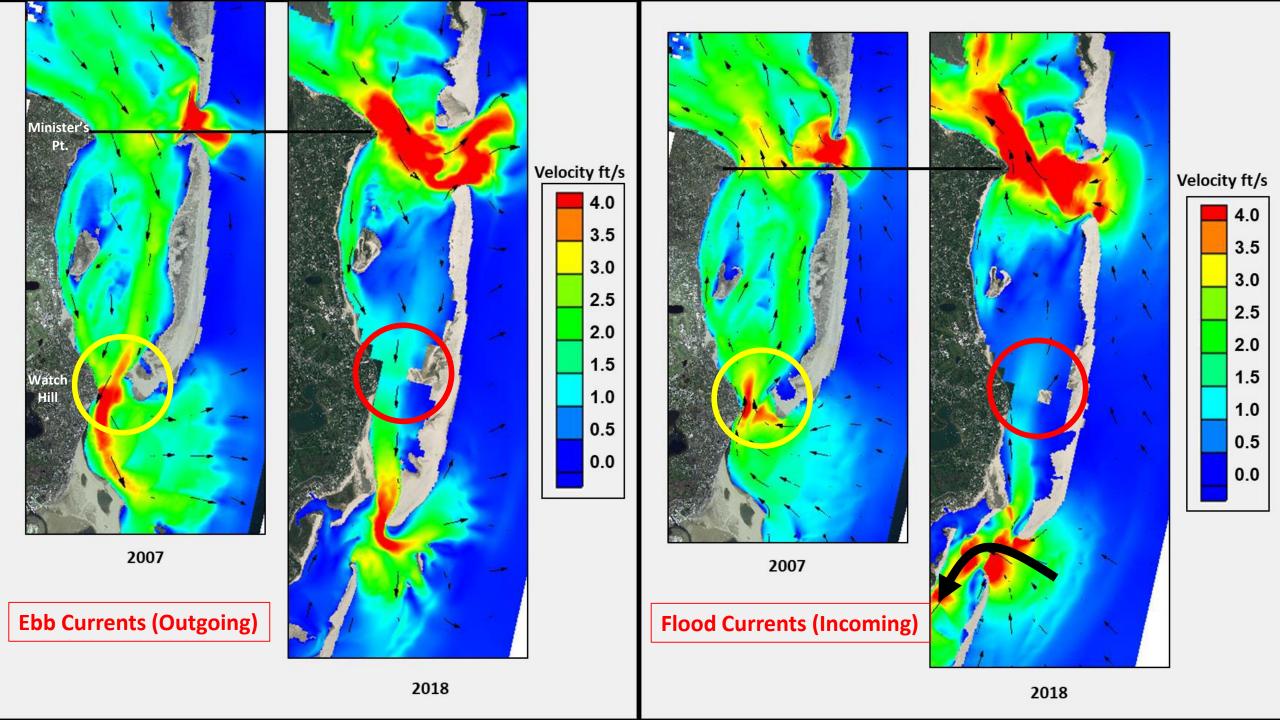
Center for Coastal Studies





- Final Report on Town Web Page
- Hard Copies:
 - Library
 - Town Hall
 - Town Hall Annex
- View Archive Video Presentation
 - June 27, 2019





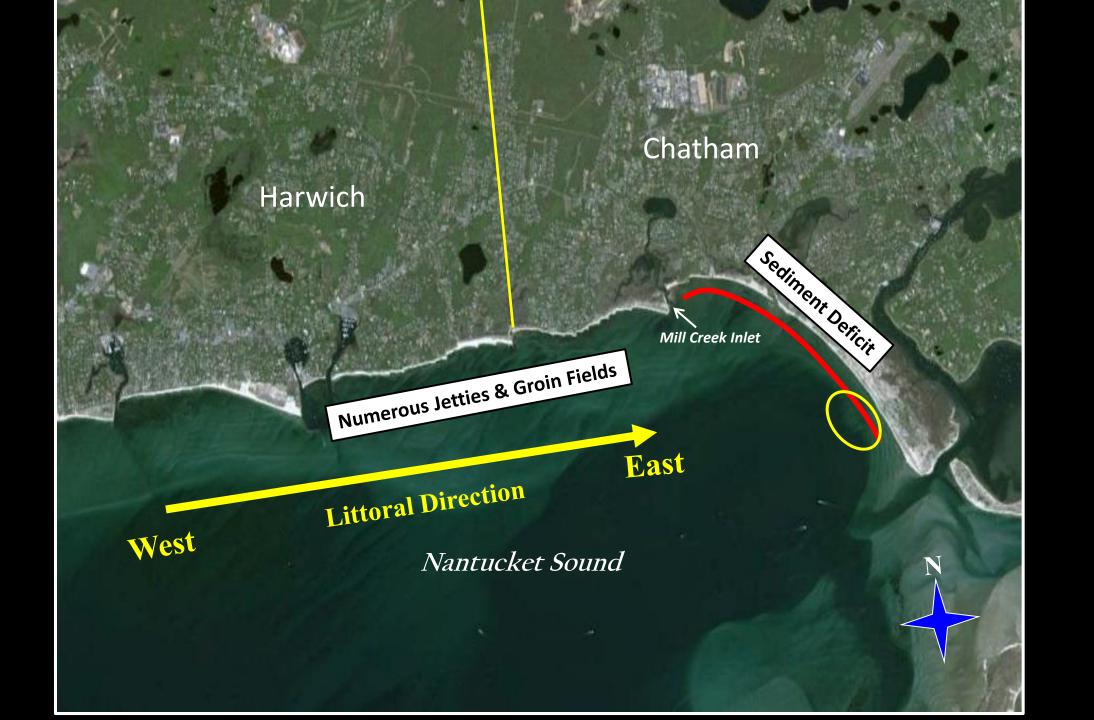






Stage Harbor Federal Navigation Channel





Hardings Beach- Erosion



Cockle Cove Erosion



Beach Nourishment- Sand Sources



